

**Side-by-Side Comparison of S.843 and Barton Compromise Offer + NIH Bill  
(passed by the House on 9/26/06)  
Prepared by Energy and Commerce Committee Staff**

<b>S.843 as passed by the Senate:</b>	<b>Barton Proposal + NIH bill (passed by the House on 9/26/06):</b>
<ul style="list-style-type: none"> <li>• Directs CDC mechanisms and entities to collect, store, coordinate, and make publicly available data collected by the centers of excellence and data generated from public and private research partnerships.</li> </ul>	<ul style="list-style-type: none"> <li>• Directs CDC mechanisms and entities to collect, store, coordinate, and make publicly available data collected by the centers of excellence and data generated from public and private research partnerships.</li> </ul>
<ul style="list-style-type: none"> <li>• Directs the Secretary to establish a program under which samples of tissue and genetic and other biological material are donated, collected, preserved, and made available for autism spectrum disorder research.</li> </ul>	<ul style="list-style-type: none"> <li>• Directs the Director of CDC to establish a program under which samples of tissue and genetic and other biological material are donated, collected, preserved, and made available for autism spectrum disorder research.</li> </ul>
<ul style="list-style-type: none"> <li>• Allows CDC to award grants for the collection, analysis, and reporting of state epidemiological data on ASD and other developmental disabilities.</li> </ul>	<ul style="list-style-type: none"> <li>• Allows CDC to award grants for the collection, analysis, and reporting of state epidemiological data on ASD and other developmental disabilities.</li> </ul>
<ul style="list-style-type: none"> <li>• Requires CDC regional centers of excellence in epidemiology to collect and analyze information on the number, incidence, correlates and causes of ASD and other developmental disabilities.</li> </ul>	<ul style="list-style-type: none"> <li>• Requires CDC regional centers of excellence in epidemiology to collect and analyze information on the number, incidence, correlates and causes of ASD and other developmental disabilities.</li> </ul>
<ul style="list-style-type: none"> <li>• Requires the HHS Secretary to: (1) inform and educate on such disabilities to increase awareness of developmental milestones; (2) promote research into the development and validation of reliable screening tools for such disabilities; (3) promote early screening of individuals at higher risk for such disabilities; and (4) increase the number of individuals who are able to confirm or rule out a diagnosis of such a disability and provide evidence-based interventions for individuals diagnosed with such disabilities.</li> </ul>	<ul style="list-style-type: none"> <li>• Requires the HHS Secretary to: (1) inform and educate on such disabilities to increase awareness of developmental milestones; (2) promote research into the development and validation of reliable screening tools for such disabilities; (3) promote early screening of individuals at higher risk for such disabilities; and (4) increase the number of individuals who are able to confirm or rule out a diagnosis of such a disability and provide evidence-based interventions for individuals diagnosed with such disabilities.</li> </ul>
<ul style="list-style-type: none"> <li>• Directs HHS Secretary to provide culturally competent information regarding such disabilities and evidence-based interventions for</li> </ul>	<ul style="list-style-type: none"> <li>• Directs HHS Secretary to provide culturally competent information regarding such disabilities and evidence-based interventions for</li> </ul>

<p>individuals and their families through state and federal programs and community organizations.</p>	<p>individuals and their families through state and federal programs and community organizations.</p>
<ul style="list-style-type: none"> <li>Requires states to provide individuals with information about state and local resources.</li> </ul>	<ul style="list-style-type: none"> <li>Requires states to provide individuals with information about state and local resources.</li> </ul>
<ul style="list-style-type: none"> <li>Requires the Secretary to: (1) develop a curriculum for continuing education to assist individuals in recognizing the need for, and using, valid and reliable screening tools; (2) collect, store, coordinate, and make publicly available such tools and other products that are used by federal programs; (3) expand existing interdisciplinary training opportunities or opportunities to increase the number of sites able to diagnose individuals with autism spectrum disorder or other developmental disabilities; (4) promote research into additional tools for shortening the time required to confirm diagnoses of such disabilities and for detecting individuals with such disabilities at an early age; and (5) promote research to determine evidence-based practices for interventions for such individuals, develop guidelines for those interventions, and disseminate information related to such research and guidelines.</li> </ul>	<ul style="list-style-type: none"> <li>Requires the Secretary to: (1) develop a curriculum for continuing education to assist individuals in recognizing the need for, and using, valid and reliable screening tools; (2) collect, store, coordinate, and make publicly available such tools and other products that are used by federal programs; (3) expand existing interdisciplinary training opportunities or opportunities to increase the number of sites able to diagnose individuals with autism spectrum disorder or other developmental disabilities; (4) promote research into additional tools for shortening the time required to confirm diagnoses of such disabilities and for detecting individuals with such disabilities at an early age; and (5) promote research to determine evidence-based practices for interventions for such individuals, develop guidelines for those interventions, and disseminate information related to such research and guidelines.</li> </ul>
<ul style="list-style-type: none"> <li>Requires the Secretary to establish the Interagency Autism Coordinating Committee to: (1) coordinate all efforts within HHS concerning autism spectrum disorder; (2) make recommendations concerning the strategic plan; (3) develop and update advances in research; and (4) make recommendations to the Secretary regarding public participation in decisions relating to such disorder. Sets forth reporting requirements.</li> </ul>	<ul style="list-style-type: none"> <li>Requires the Secretary to establish the Interagency Autism Coordinating Committee to: (1) coordinate all efforts within HHS concerning autism spectrum disorder; (2) make recommendations concerning the strategic plan; (3) develop and update advances in research; and (4) make recommendations to the Secretary regarding public participation in decisions relating to such disorder. Sets forth reporting requirements.</li> </ul>
<p><b>Provisions related to NIH</b></p>	

<ul style="list-style-type: none"> <li>• NIH strategic plan to conduct and support autism spectrum disorder research.</li> </ul>	<ul style="list-style-type: none"> <li>• Provision addressed in the NIH Reform Act.</li> <li>• The NIH Reform Act passed by The House of Representatives on September 26 encompasses many of the reforms embodied in the S. 843. The reformed NIH will lead to improve science and medical research benefiting all disease including autism.</li> <li>• NIH Reform Act requires standardized reporting of all diseases, including autism. Report is to include not only what is currently being done but also a timeline of future research. Additionally, autism will greatly benefit from the trans-NIH initiative included in the bill, the common fund, and is expressly cited in the committee's report on the legislation.</li> <li>• Requires the Director of NIH to submit biennially a report to Congress. Report must include an assessment of the state of biomedical research, a description of the activities conducted or supported by the NIH, classification and justification for the priorities established by the agencies, including a strategic plan and recommendations for future research initiatives to be carried out by the Division of Program Coordination, Planning, and Strategic Initiatives.</li> <li>• Report must include a catalogue of all the research activities of the agencies. Catalogue must include (1) epidemiological studies and longitudinal studies; (2) disease registries, information clearinghouses, and other data systems; (3) public education and information campaigns; (4) training activities; (5) clinical trials, including a breakdown by demographic variables and other appropriate categories; and (6) translational research activities.</li> </ul>
<ul style="list-style-type: none"> <li>• NIH centers of excellence on environmental health and autism spectrum disorder. The Secretary, acting through the Director, may consolidate program activities, including consolidate Centers of</li> </ul>	<ul style="list-style-type: none"> <li>• There is no similar provision in the Barton proposal. Autism Centers of Excellence already exist at the NIH.</li> <li>• National Institute of Environmental Health Sciences (NIEHS), in</li> </ul>

<p>Excellence, under this section if such consolidation would improve program efficiencies and outcomes.</p>	<p>partnership with the Environmental Protection Agency (EPA), continues its support of autism research through its national network of Centers for Children’s Environmental Health and Disease Prevention. Two of the Centers in this network focus on potential environmental influences in autism and related disorders.</p> <ul style="list-style-type: none"> <li>• The Center for Childhood Neurotoxicology and Exposure Assessment is located at the University of Medicine and Dentistry of New Jersey. This Center supports basic science projects to examine facets of brain development and their interaction with selected environmental agents, beginning with neuron formation and growth and proceeding to the overall behavior of the organism. Clinical sciences projects in this Center are exploring links between environmental chemicals that may alter brain function and regional brain growth. Scientists affiliated with this project work closely with community groups representing children with learning disabilities and their families, with a particular emphasis on autism. Through an exposure assessment and intervention project, NIEHS is characterizing the personal, residential, and community exposures of children with autism.</li> <li>• In addition to the existing number of centers of excellence, the Children’s Health Act of 2000 added eight new ones. The International Network on the Neurobiology and Genetics of Autism included 10 Collaborative Programs of Excellence in Autism (CPEAs) that would conduct research to learn about the possible causes of autism, including genetic immunological, and environmental factors.</li> </ul>
<ul style="list-style-type: none"> <li>• Authorizes \$634million over fiscal years FY07 to FY11 for autism activities at NIH.</li> </ul>	<ul style="list-style-type: none"> <li>• The NIH Reform Act bill authorizes a \$1.4 billion increase in the NIH budget for FY07. Increases the budget by \$1.5 billion in each of FY08 and FY09. This will increase the entire NIH budget, which will benefit autism.</li> </ul>

<ul style="list-style-type: none"><li>• Requires that Director of NIH shall, subject to availability of appropriations, expand, intensify, and coordinate activities of NIH with respect to ASD</li></ul>	<ul style="list-style-type: none"><li>• Requires that Director of NIH shall continue to expand, intensify, and coordinate activities of NIH with respect to ASD, including environmental causes of autism.</li></ul>
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